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(21)Application number : 02-099254 (71)Applicant : UBE IND LTD
(22)Date of filing : 17.04.1990 (72)Inventor : AHEIJI SHIGEHARU
MATSUDA AKIHISA
MATSUNOBU KEIJI
MURATA TATSUUMI
OOTSUBO MICHIIHIRO

(54) NEW TNF VARIANT, PRODUCTION THEREOF AND ANTITUMOR AGENT CONTAINING THE SAME VARIANT AS ACTIVE INGREDIENT

(57)Abstract:

NEW MATERIAL:A TNF variant having sequence of amino acid residue of L body expressed by the formula (X is Val or Arg; Y is Asn or Gly; Z is Arg, Glu or Gln except when X is Val and Y is Asn and Z is Arg).

EXAMPLE: An antiulcer agent.

USE: A host cell is transformed by a recombinant vector in which DNA having a base sequence in which a translation initiation codon is bound to 5' end of the base sequence coding a TNF variant expressed by the formula and a translation termination codon is bound to 3' end thereof is integrated into a manifestation vector and then the transformed host cell is cultured in a culture medium.

(N 番号)
Val-Arg-Ser-Arg-Ser-Arg-Thr-Pro-Ser-Asp-
Leu-Pro-Phe-His-Gly-His-His-His-Leu-Phe-
Gln-His-Gly-Gly-Gly-Leu-His-Thr-Leu-His-
His-Arg-His-Asn-His-Leu-Asp-His-Asp-Gly-
Val-Glu-Leu-Arg-Asp-Asp-Gly-Leu-His-His-
Pro-Ser-Gln-Gly-Leu-Thr-Leu-His-His-Ser-Ser-
His-His-Leu-Phe-Lys-Gly-His-Gly-Cys-Pro-
Ser-Thr-His-His-Leu-Leu-Thr-His-Thr-His-
Ser-Arg-His-His-His-Ser-Thr-Gly-His-His-
X-His-Leu-Leu-Ser-His-His-His-Ser-Pro-
Cys-Gly-Arg-Gly-His-Pro-His-Gly-His-His-
His-His-Pro-Thr-Thr-His-Pro-His-Thr-Leu-
Gly-Gly-His-His-His-His-His-His-His-His-
Arg-Leu-Ser-His-His-His-His-His-His-His-
Thr-His-His-His-His-His-His-His-His-His-
Thr-His-His-His-His-His-His-His-His-His-
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